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1714

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Toshiyuki MIYABASHI, et al  
Serial No.: 09/976,671      Group No.: 1714  
Filed: October 12, 2001      Examiner.: Callie E. Shosho  
For: METHOD OF PREPARATION OF POLYMER EMULSION AND INK  
COMPOSITION COMPRISING THE POLYMER EMULSION

Attorney Docket No.: U 013667-3

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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Please substitute the attached Declaration under 37 CFR 1.132 with original ink  
signature for the copy submitted previously.

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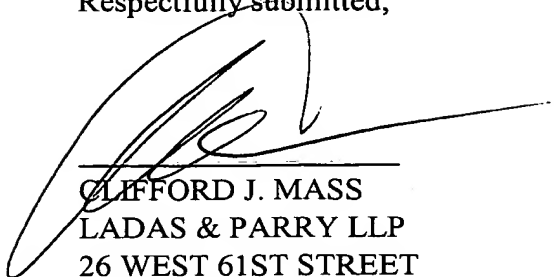
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56,442.

Respectfully submitted,



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of

Toshiyuki MIYABAYASHI, et al. Group Art Unit: 1714

Serial No. 09/976,671

Examiner: Callie E. Shosho

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COMPOSITION COMPRISING THE POLYMER EMULSION

--ooo:O:ooo--

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

DECLARATION UNDER 37 CFR 1.132

I, Toshiyuki MIYABAYASHI, the undersigned, do hereby declare:

1. THAT I am a co-inventor of the invention described and claimed  
in the above patent application.

2. THAT the following experiments were conducted under my  
direction and control:

(1) Preparation of Ink I

Ink I was prepared in the same manner as described in the  
specification of the above application on page 57, line 30 to  
page 58, line 12 and Table B1 on page 59 as ink composition of  
Example B3 provided that 1,2-hexanediol was replaced with the

same amount of ion-exchanged water.

(2) Preparation of Ink II

Ink I was prepared in the same manner as described in the specification of the above application on page 57, line 30 to page 58, line 12 and Table B1 on page 59 as ink composition of Example B3 provided that trimethylolpropane was replaced with the same amount of ion-exchanged water.

(3) Evaluation of Inks I and II

Inks I and II thus obtained were evaluated with respect to 1) rubbing/scratch resistance, 2) anti-clogging property, 3) ejecting stability, 4) print quality, 5) print density, 6) storage stability and 7) fast drying property according to the same manner as described in the specification of the above application on page 60, line 1 to page 63, line 5. The results are as follows. The following table includes the results of the ink composition of Example B3 described in the specification of the above application.

	Example B3	Ink I	Ink II
1) rubbing/scratch resistance	A	A	A
2) anti-clogging property	A	A	C
3) ejecting stability	A	A	C
4) print quality	A	C	A
5) print density	A	C	A
6) storage stability	A	A	C
7) fast drying property	A	C	A

3. I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may

jeopardize the validity of the application or any patent issued thereon.

May 15, 2006

Date

Toshiyuki Miyabayashi

Toshiyuki MIYABAYASHI